



DOCKET NO.: 03WBJ-017
CLIENT NO.: STM101-03017
Customer No.: 30425

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re provisional application of: Suresh Rajgopal et al.

Serial No. : 10/750,012

Filed : December 31, 2003

For : APPARATUS AND METHOD USING HASHING FOR
EFFICIENTLY IMPLEMENTING AN IP LOOKUP
SOLUTION IN HARDWARE

Art Unit : 2661

Examiner : Not Yet Assigned

MAIL STOP MISSING PARTS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF
NONPROVISIONAL APPLICATION**

In response to the Notice to File Missing Parts of NonProvisional Application dated May 5, 2004, attached are the following documents:

1. Certificate of Mailing by First Class Mail;
2. Executed Declaration and Power of Attorney;

3. Check in the amount of \$1,010.00 (\$770.00 for the statutory basic filing fee, \$130.00 for the late oath or declaration surcharge and \$110.00 for the one month extension fee);
4. Petition for Extension of Time (in duplicate);
5. Fee Transmittal for FY 2004 (in duplicate);
6. Return copy of the Notice to File Missing Parts of NonProvisional Application; and
7. Our postcard receipt.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0208.

Respectfully submitted,

DAVIS MUNCK, P.C.

Date: _____

Aug 5, 2004



William A. Munck
Registration No. 39,308

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IFW#



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/750,012	12/31/2003	Suresh Rajgopal	03-LJ-017

Lisa K. Jorgenson, Esq.
 STMicroelectronics, Inc.
 1310 Electronics Drive
 Carrollton, TX 75006

CONFIRMATION NO. 9337

FORMALITIES LETTER



OC000000012526754

Date Mailed: 05/05/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$900** for a Large Entity

- **\$770** Statutory basic filing fee.
- **\$130** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts
 Commissioner for Patents
 P.O. Box 1450
 Alexandria VA 22313-1450

08/10/2004 HAHMED1 00000023 10750012

01 FC:1001	770.00 OP
02 FC:1051	130.00 OP

*A copy of this notice **MUST** be returned with the reply.*

A handwritten signature in black ink, appearing to be "M. M. M.", written over a horizontal line.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

DOCKET NO.: 03-LJ-017
CLIENT NO.: STMI01-03017
Customer No.: 30425



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Suresh Rajgopal et al.
U.S. Serial No. : 10/750,012
Filed : December 31, 2003
For : APPARATUS AND METHOD USING HASHING FOR
EFFICIENTLY IMPLEMENTING AN IP LOOKUP SOLUTION IN
HARDWARE
Group No. : 2661
Examiner : Not Yet Assigned

MAIL STOP MISSING PARTS

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

Sir:

The undersigned hereby certifies that the following documents:

1. Response to Notice to File Missing Parts of NonProvisional Application;
2. Executed Declaration and Power of Attorney;
3. Check in the amount of \$1,010.00 (\$770.00 for the Statutory filing fee, \$130.00 for the late oath or declaration surcharge and \$110.00 for the one month extension fee);
4. Petition for Extension of Time (in duplicate);
5. Fee Transmittal for FY 2004 (in duplicate);
6. Return copy of the Notice to File Missing Parts of NonProvisional Application; and
7. A postcard receipt.

relating to the above application, were deposited as "First Class Mail" with the United States Postal Service, addressed to Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on August 5, 2004

Date: Aug 5, 2004

Kathy Hamilton
Mailer

Date: Aug 5, 2004

William A. Munck
William A. Munck
Reg. No. 39,308

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1,010.00

Complete if Known

Application Number	10/750,012
Filing Date	December 31, 2003
First Named Inventor	Suresh Rajgopal
Examiner Name	Not Yet Assigned
Art Unit	2661
Attorney Docket No.	03-LJ-017

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 50-0208

Deposit Account Name Davis Munck

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	770.00
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$) 770.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below		Fee Paid	
Total Claims	20	-20** =	0	x	18	=	0
Independent Claims	3	-3** =	0	x	86	=	0
Multiple Dependent					290	=	0

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	\$130.00
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	\$110.00
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 240.00

SUBMITTED BY

Name (Print/Type)	William A. Munck	Registration No. (Attorney/Agent)	39,308	Telephone	972-628-3600
Signature	<i>William A. Munck</i>	Date	Aug 5, 2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.